

Refine Search

Search Results -

Terms	Documents
L7 and (propane or propylene or acrolein or isobutylene or methacrolein)	16

Database:

- US Pre-Grant Publication Full-Text Database
- US Patents Full-Text Database
- US OCR Full-Text Database
- EPO Abstracts Database
- JPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

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Search History

DATE: Friday, October 15, 2004 [Printable Copy](#) [Create Case](#)

<u>Set</u>	<u>Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set</u>
Name	Query			Name
side by side				result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>				
<u>L8</u>	L7 and (propane or propylene or acrolein or isobutylene or methacrolein)		16	<u>L8</u>
<u>L7</u>	L6 and explos\$6		31	<u>L7</u>
<u>L6</u>	L5 and oxid\$6 and gas and oxygen		191	<u>L6</u>
<u>L5</u>	start\$5 up reactor		515	<u>L5</u>
<u>L4</u>	L2 and column		0	<u>L4</u>
<u>L3</u>	(4501907.pn. or 3366648.pn.) and absor\$7		1	<u>L3</u>
<u>L2</u>	3904652.pn. and absor\$8		1	<u>L2</u>
<i>DB=USPT; PLUR=YES; OP=ADJ</i>				
<u>L1</u>	3142701.pn.		1	<u>L1</u>

END OF SEARCH HISTORY

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1. Document ID: US 20040015012 A1

Using default format because multiple data bases are involved.

L8: Entry 1 of 16

File: PGPB

Jan 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040015012

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040015012 A1

TITLE: Safe operation of a continuous heterogeneously catalyzed gas-phase partial oxidation of at least one organic compound

PUBLICATION-DATE: January 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hammon, Ulrich	Mannheim		DE	
Meschke, Jochen	Otterstadt		DE	
Rauh, Ulrich	Frankenthal		DE	
Muller-Engel, Klaus Joachim	Stutensee		DE	
Schlemmer, Peter	Eisenberg		DE	

US-CL-CURRENT: 562/532; 562/542, 702/22

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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2. Document ID: US 20020173677 A1

L8: Entry 2 of 16

File: PGPB

Nov 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020173677

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020173677 A1

TITLE: Process for the preparation of 3-(methylthio) propanal

PUBLICATION-DATE: November 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hsu, Yung C.	St. Louis	MO	US	
Ruest, Dennis A.	St. Louis	MO	US	

US-CL-CURRENT: 568/41

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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 3. Document ID: US 20020100836 A1

L8: Entry 3 of 16

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020100836

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020100836 A1

TITLE: Hydrogen and oxygen battery, or hydrogen and oxygen to fire a combustion engine and/or for commerce.

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hunt, Robert Daniel	Pass Christian	MS	US	

US-CL-CURRENT: 244/50

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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 4. Document ID: US 20020037488 A1

L8: Entry 4 of 16

File: PGPB

Mar 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020037488

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020037488 A1

TITLE: Method for starting up reactor

PUBLICATION-DATE: March 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hirao, Harunori	Himeji-shi		JP	
Matsumoto, Yukihiro	Kobe-shi		JP	
Nakahara, Sei	Himeji-shi		JP	
Suzuki, Kunihiko	Ibo-gun		JP	

US-CL-CURRENT: 431/268

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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 5. Document ID: US 6548701 B2

L8: Entry 5 of 16

File: USPT

Apr 15, 2003

US-PAT-NO: 6548701

DOCUMENT-IDENTIFIER: US 6548701 B2

TITLE: Process for the preparation of 3-(methylthio)propanal

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Specifications](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn De](#) 6. Document ID: US 6320076 B1

L8: Entry 6 of 16

File: USPT

Nov 20, 2001

US-PAT-NO: 6320076

DOCUMENT-IDENTIFIER: US 6320076 B1

TITLE: Process for the preparation of 3-(methylthio) propanal

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Specifications](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn De](#) 7. Document ID: US 6031138 A

L8: Entry 7 of 16

File: USPT

Feb 29, 2000

US-PAT-NO: 6031138

DOCUMENT-IDENTIFIER: US 6031138 A

TITLE: Process for the preparation of 3-(methylthio) propanal

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L8: Entry 8 of 16

File: USPT

Jul 20, 1999

US-PAT-NO: 5925794

DOCUMENT-IDENTIFIER: US 5925794 A

TITLE: Process for the preparation of 3-(methylthio)propanal

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Specifications](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn De](#) 9. Document ID: US 5905171 A

L8: Entry 9 of 16

File: USPT

May 18, 1999

US-PAT-NO: 5905171

DOCUMENT-IDENTIFIER: US 5905171 A

** See image for Certificate of Correction **

TITLE: Process for the preparation of 3-(methylthio)propanal

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10. Document ID: US 5744647 A

L8: Entry 10 of 16

File: USPT

Apr 28, 1998

US-PAT-NO: 5744647

DOCUMENT-IDENTIFIER: US 5744647 A

TITLE: Process for the preparation of 3-(methylthio) propanal

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Terms	Documents
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11. Document ID: US 5637766 A

Using default format because multiple data bases are involved.

L8: Entry 11 of 16

File: USPT

Jun 10, 1997

US-PAT-NO: 5637766

DOCUMENT-IDENTIFIER: US 5637766 A

TITLE: Process for the preparation of 3-(methylthio) propanal

DATE-ISSUED: June 10, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hsu; Yung C.	Chesterfield	MO		
Ruest; Dennis A.	Manchester	MO		

US-CL-CURRENT: 562/512; 558/438, 568/41

Full	Title	Citation	Front	Review	Classification	Date	Reference	Dependencies	Attachments	Claims	KIMC	Dra	Drawn De
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12. Document ID: US 5352837 A

L8: Entry 12 of 16

File: USPT

Oct 4, 1994

US-PAT-NO: 5352837

DOCUMENT-IDENTIFIER: US 5352837 A

TITLE: Process for the preparation of 3-(methylthio)propanal

Full	Title	Citation	Front	Review	Classification	Date	Reference	Dependencies	Attachments	Claims	KIMC	Dra	Drawn De
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13. Document ID: US 4822900 A

L8: Entry 13 of 16

File: USPT

Apr 18, 1989

US-PAT-NO: 4822900

DOCUMENT-IDENTIFIER: US 4822900 A

TITLE: Production of ethylene oxide

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMC	Drawn D
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14. Document ID: EP 1180508 A1, JP 2002053519 A, US 20020037488 A1

L8: Entry 14 of 16

File: DWPI

Feb 20, 2002

DERWENT-ACC-NO: 2002-353895

DERWENT-WEEK: 200239

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TITLE: Start-up of a catalytic gas phase oxidation reactor, e.g. for production of (meth)acrylic acid, involves maintaining the raw material at a level below the lower explosion limit, and oxygen at not less than the limiting oxygen concentration

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMC	Drawn D
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15. Document ID: US 3398185 A

L8: Entry 15 of 16

File: USOC

Aug 20, 1968

US-PAT-NO: 3398185

DOCUMENT-IDENTIFIER: US 3398185 A

TITLE: Separation of formaldehyde from hydrogen peroxide by extractive distillation and subsequent formation of peracetic acid

DATE-ISSUED: August 20, 1968

INVENTOR-NAME: MACLEAN ALEXANDER F; HOBBS CHARLES C

US-CL-CURRENT: 562/6, 203/58, 203/60, 203/61, 203/62, 203/63, 568/493

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMC	Drawn D
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16. Document ID: US 2773881 A

L8: Entry 16 of 16

File: USOC

Dec 11, 1956

US-PAT-NO: 2773881

DOCUMENT-IDENTIFIER: US 2773881 A

TITLE: Glycol carbonates

DATE-ISSUED: December 11, 1956

INVENTOR-NAME: DUNN JESSE T

US-CL-CURRENT: 549/230

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMC | Drawn De

Terms	Documents
L7 and (propane or propylene or acrolein or isobutylene or methacrolein)	16

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